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L1 and crossed	4

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Derwent World Patents Index  
IBM Technical Disclosure Bulletins

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L3

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result set*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<u>L3</u>	L1 and crossed	4	<u>L3</u>
<u>L2</u>	L1 and ((cross adj copolymeriz\$2) or (crosscopolymerization))	6	<u>L2</u>
<u>L1</u>	olefin adj styrene adj diene adj copolymer	10	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.****1. Document ID: US 20020161130 A1**

L2: Entry 1 of 6

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161130  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020161130 A1

TITLE: Cross-copolymerized olefin/aromatic vinyl compound/diene copolymer and process for its production

PUBLICATION-DATE: October 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arai, Toru	Tokyo		JP	
Otsu, Toshiaki	Tokyo		JP	
Nakajima, Masataka	Tokyo		JP	

US-CL-CURRENT: 525/244; 525/243, 525/245, 525/248, 525/256, 525/268, 526/170, 526/347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

**2. Document ID: US 6566453 B1**

L2: Entry 2 of 6

File: USPT

May 20, 2003

US-PAT-NO: 6566453  
DOCUMENT-IDENTIFIER: US 6566453 B1

TITLE: Cross-copolymerized olefin/aromatic vinyl/diene copolymer and process for producing the same

DATE-ISSUED: May 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Arai; Toru	Machida			JP
Nakajima; Masataka	Machida			JP
Otsu; Toshiaki	Machida			JP

US-CL-CURRENT: 525/244; 525/243, 525/245, 525/248, 525/256, 525/268, 526/170, 526/347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

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3. Document ID: US 6559234 B1

L2: Entry 3 of 6

File: USPT

May 6, 2003

US-PAT-NO: 6559234

DOCUMENT-IDENTIFIER: US 6559234 B1

TITLE: Cross-copolymerized olefin/styrene/diene copolymer, process for the production of the same and uses thereof

DATE-ISSUED: May 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Arai; Toru	Tokyo			JP
Nakajima; Masataka	Tokyo			JP
Otsu; Toshiaki	Tokyo			JP

US-CL-CURRENT: 525/245; 525/241, 525/243, 525/244, 525/248, 525/256, 525/268, 526/170, 526/347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

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4. Document ID: JP 2002322224 A

L2: Entry 4 of 6

File: JPAB

Nov 8, 2002

PUB-NO: JP02002322224A

DOCUMENT-IDENTIFIER: JP 2002322224 A

TITLE: CROSS-COPOLYMERIZED OLEFIN-AROMATIC VINYL COMPOUND- DIENE COPOLYMER

PUBN-DATE: November 8, 2002

## INVENTOR-INFORMATION:

NAME	COUNTRY
ARAI, TORU	
OTSU, TOSHIAKI	
NAKAJIMA, MASAKI	

INT-CL (IPC): C08 F 279/02; C08 F 212/00; C08 J 5/00; C08 J 5/18; C08 L 25/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

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5. Document ID: EP 1188776 A1

L2: Entry 5 of 6

File: EPAB

Mar 20, 2002

PUB-NO: EP001188776A1

DOCUMENT-IDENTIFIER: EP 1188776 A1

TITLE: CROSS-COPOLYMERIZED OLEFIN/AROMATIC VINYL/DIENE COPOLYMER AND PROCESS FOR PRODUCING THE SAME

PUBN-DATE: March 20, 2002

## INVENTOR-INFORMATION:

NAME	COUNTRY
ARAI, TORU	JP
NAKAJIMA, MASATAKA	JP
OTSU, TOSHIAKI	JP

INT-CL (IPC): C08 F 255/00; C08 F 4/64; C08 L 51/00; C08 F 210/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

6. Document ID: US 6559234 B1 WO 200037517 A1 EP 1170313 A1 JP 2000589585 X CN 1331706 A

L2: Entry 6 of 6

File: DWPI

May 6, 2003

DERWENT-ACC-NO: 2000-475500

DERWENT-WEEK: 200338

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TITLE: Cross-copolymerized olefin-styrene-diene copolymer with superior physical and mechanical properties e.g. heat resistance and processability, useful in resin compositions for molded products such as films and construction materials

INVENTOR: ARAI, T; NAKAJIMA, M ; OTSU, T

PRIORITY-DATA: 1999JP-0258618 (September 13, 1999), 1998JP-0365362 (December 22, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6559234 B1	May 6, 2003		000	C08L045/00
WO 200037517 A1	June 29, 2000	J	157	C08F279/02
EP 1170313 A1	January 9, 2002	E	000	C08F279/02
JP 2000589585 X	April 9, 2002		000	C08F279/02
CN 1331706 A	January 16, 2002		000	C08F279/02

INT-CL (IPC): C08 F 4/64; C08 F 279/02; C08 J 9/04; C08 L 25/08; C08 L 45/00; C08 L 51/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
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Terms	Documents
L1 and ((cross adj copolymeriz\$2) or (crosscopolymerization))	6

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.****1. Document ID: US 20020161130 A1**

L3: Entry 1 of 4

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161130  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020161130 A1

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PUBLICATION-DATE: October 31, 2002

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US-CL-CURRENT: [525/244](#); [525/243](#), [525/245](#), [525/248](#), [525/256](#), [525/268](#), [526/170](#), [526/347](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

**2. Document ID: US 6566453 B1**

L3: Entry 2 of 4

File: USPT

May 20, 2003

US-PAT-NO: 6566453  
DOCUMENT-IDENTIFIER: US 6566453 B1

TITLE: Cross-copolymerized olefin/aromatic vinyl/diene copolymer and process for producing the same

DATE-ISSUED: May 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Arai; Toru	Machida			JP
Nakajima; Masataka	Machida			JP
Otsu; Toshiaki	Machida			JP

US-CL-CURRENT: [525/244](#); [525/243](#), [525/245](#), [525/248](#), [525/256](#), [525/268](#), [526/170](#), [526/347](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

## 3. Document ID: US 6559234 B1

L3: Entry 3 of 4

File: USPT

May 6, 2003

US-PAT-NO: 6559234

DOCUMENT-IDENTIFIER: US 6559234 B1

TITLE: Cross-copolymerized olefin/styrene/diene copolymer, process for the production of the same and uses thereof

DATE-ISSUED: May 6, 2003

## INVENTOR-INFORMATION:

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Nakajima; Masataka	Tokyo			JP
Otsu; Toshiaki	Tokyo			JP

US-CL-CURRENT: 525/245; 525/241, 525/243, 525/244, 525/248, 525/256, 525/268, 526/170, 526/347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

## 4. Document ID: EP 1188776 A1

L3: Entry 4 of 4

File: EPAB

Mar 20, 2002

PUB-NO: EP001188776A1

DOCUMENT-IDENTIFIER: EP 1188776 A1

TITLE: CROSS-COPOLYMERIZED OLEFIN/AROMATIC VINYL/DIENE COPOLYMER AND PROCESS FOR PRODUCING THE SAME

PUBN-DATE: March 20, 2002

## INVENTOR-INFORMATION:

NAME	COUNTRY
ARAI, TORU	JP
NAKAJIMA, MASATAKA	JP
OTSU, TOSHIAKI	JP

INT-CL (IPC): C08 F 255/00; C08 F 4/64; C08 L 51/00; C08 F 210/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

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